Weekly Report 5

Group Nr. 10

1 Weekly Progress

Accomplished tasks:

- Group discussion for the final video. (All group members)

- Summarize the comparison of different feature detectors, matching methods and algorithms to find fundamental matrix. (Siyuan)

- Explore methods to reproject disparity map to point cloud. (Atilla)

- Explore better methods and optimizations for 3D meshes from point clouds.(Jiesheng)

- Research more robust block matching algorithms for images that are not perfectly rectified. (Benjamin)

2 Problems

We did not encounter any new problems this week.

3 Results

We did not obtain any new results this week.

4 Plan

For the next week, we are planning to finalize our project with a mesh generation of our data. Additionally, we will put together the individual findings and results of the team members into a final presentation.